LSU HEALTH SCIENCES CENTER PURCHASING DEPARTMENT 433 BOLIVAR STREET NEW ORLEANS, LA 70112

DATE: 5/11/10

ADDENDUM NUMBER 1

BID NUMBER: 000332

BID TITLE: <u>BLANKET CONTRACT FOR TELECOMMUNICATIONS AND NETWORK</u> WIRING SERVICE, <u>SUPPORT AND MATERIALS</u>

PURCHASING MANAGER: LORI A. LONG

<u>PURPOSE OF THIS ADDENDUM IS TO MAKE THE FOLLOWING CHANGES AND</u> CLARIFICATIONS:

BID OPEN DATE WILL BE EXTENDED TO MAY 21, 2010 @ 2:00 P.M.

CHANGES TO BID SPECIFICATIONS ARE AS FOLLOWS:

EXISTING DROP (UP TO 4 CABLES PER FOOT EXCLUDING LABELS, TERMINATIONS, ETC.), THE PRICE SHEET SHOULD READ IN COLUMNS, "STANDARD PRICE, ADDITIONAL COST FOR EXTENDED DIFFICULTY, ADDITIONAL COST FOR OUTSIDE NORMAL BUSINESS HOURS AND ADDITIONAL COST FOR OUTSIDE NEW ORLEANS, SHOULD BE REFLECTED AS PER"FOOT" RATHER THAN THE "PER DROP" THAT IS REFERENCED ON THE PRICING SHEET.

SCHEDULE B PRICING SHEET ADDITIONS AND DELETIONS – PER EXIBIT D OF THE ATTACHMENTS, SOME ITEMS WERE NOT INCLUDED ON THE ORIGINAL SCHEDULE B WIRING MATERIALS LIST - (SEE ADDENDUM ATTACHMENT, "REVISED SCHEDULE B" WITH LISTING OF CABLOFIL BRAND NAME PARTS). UNDER THE "CORNING" SECTION OF SCHEDULE B, THERE ARE TWO ADDITIONAL PARTS CONNECTORS LISTED AND DELETIONS OF TWO PARTS – REFER TO "REVISED SCHEDULE B".

CLARIFICATION OF ITEMS LISTED ON EXHIBIT D THAT CAN BE DISREGARDED – RACKS CHATWORTH – PART #CP55053-503 IS NOT CURRENTLY USED AND CAN BE DISREGARDED (THE CORRECT PART NUMBER IS #CP55053-703 WHICH IS LISTED ON SCHEDULE B; VERTICAL MANAGEMENTS PART #CPI30095-503 MAY BE DISREGARDED (THE CORRECT PART NUMBER IS #CPI30162-703 WHICH IS LISTED ON SCHEDULE B); RACEWAY PARTS – PANDUIT PD LDSE16-A MAY BE DISREGARDED (THE CORRECT PART NUMBER IS #PDLDSE18A, WHICH IS LISTED ON SCHEDULE B); CONNECTOR CR95-000-41SC MAY BE DISREGARDED.

PLEASE NOTE THAT THE WIRING MATERIALS LIST IS NOT ALL INCLUSIVE AND THE CONTRACT VENDOR MAY BE REQUIRED TO SUPPLY ADDITIONAL PARTS AS NEEDED.

UNDER SECTION "BONDING, INSURANCE AND LIABILITY" PAGE 15, THE LAST PARAGRAPH SHOULD INCLUDE THAT, "EXHIBIT A&D INSURANCE & INDEMNIFICATION" ATTACHMENT, SHOULD BE FILLED OUT AND PROVIDED WITH THE BID SUBMITTAL, WHICH IS REFERENCED ON THE CHECKLIST OF DOCUMENTATION REQUIRED FOR BID SUBMITTAL.

UNDER LIST OF ATTACHMENTS, PAGE 16, EXHIBIT D "ADDENDUM TO LSUHSC NETWORK CABLING INFRASTRUCTURE DESIGN AND INSTALLATION STANDARDS WAS OMITTED FROM THE LIST. THIS ATTACHMENT IS INCLUDED WITH THE BID DOCUMENTS AND IS SEPARATE AND APART FROM EXHIBIT A&D "INSURANCE AND INDEMNIFICATION AGREEMENT".

ADDITION ON THE "INVITATION TO BID" BID SPECIFICATIONS, UNDER "STANDARDS", PAGE 13, INSERT #23.) "LSUHSC CURRENTLY ONLY TERMINATES FIBER USING ANAEROBIC ADHESIVE CONNECTORS. CONTRACTOR MUST BE KNOWLEDGEABLE OF OTHER METHODS IF REQUESTED.

PLEASE INDICATE RECEIPT OF THIS ADDENDUM IN THE BID SUBMITTAL.

IF YOU SHOULD HAVE ANY QUESTIONS, PLEASE CONTACT - LORI LONG @ lcueva@lsuhsc.edu

LORI A. LONG

PURCHASING MANAGER

oui a. L

BID #000332

Addendum and Attachment (Revised Schedule B)

REVISED SCHEDULE B

All items must be bid.

QTY	PART#	DESCRIPTION	UNIT PRICE

	CABLUFIL BRAND NAME		
	50 CF 105/200EZ	10', 4"DX8"W CABLE TRAY	
	50 PRECLICK	PRECLICK CABLE TRAY SPLICE	
ĺ	50 FAS P450 CH	HANGING SUPPORT	

CHATSWORTH BRAND NAME				
15 CP 19250-712				·
SCPH 12700-716				ļ
S CP 19250-718				
20 CP1 1301-701				
10 CP 11598-716	-			
SOIC P11930-3-000				
200 P1 1392-701				ļ
30 CPT 19842-091				
10 CP 11746-718	20	CPI 11302-701		
12" CABLE RUNWAY WALL ANGLE SUPPORT KIT				
10 CP 11421-714				
SCP 11421-112	20	CPI 11421-712		
S.CPI 1131-0.091	10	CPI 11421-718		
10 CPI 10985-112 CABLE RUNWAY MOUNTING PLATE	5	CPI 11421-112	12" CABLE RUNWAY SUPPORT KIT	
20(P1 19595-712 RACK TO RUNWAY MOUNTING PLATE 20 (P1 19595-712 SAPE TO STATE 20 (P1 19595-712 CABLE RUNWAY SUPPORT BRACKET 21 (P1 19162-713 VERTICAL CABLE MANAGER CCS 22 (P1 1952-713 VERTICAL CABLE MANAGER CCS 22 (P1 1953-742 FREESTANDING T-SERIES CABINET 23 (P1 1979-725 RACK TO RUNWAY MOUNTING PLATE 24 (P1 1979-725 RACK TO RUNWAY MOUNTING PLATE 25 (P1 1959-725 RACK TO RUNWAY MOUNTING PLATE 26 (P1 1948-701 CABLE RUNWAY SPILCE KIT 27 (P1 1950-725 RACK TO RUNWAY MOUNTING PLATE 28 (P1 1950-718 EASYSWING WALL MOUNT RACK 29 (P1 1950-718 EASYSWING WALL MOUNT RACK 20 (P1 29-19-19-19-19-19-19-19-19-19-19-19-19-19	5	CPI 11310-001		
20 CPI 55053-763	10	CPI 10595-112	CABLE RUNWAY MOUNTING PLATE	
10 CP 11746-712	20	CPI 10595-712	RACK TO RUNWAY MOUNTING PLATE	
20 CPI 10162-703 VERTICAL CABLE MANAGER CCS	20	CPI 55053-703	84"H X 19"W RACK	
20 CPI 10162-703 VERTICAL CABLE MANAGER CCS	10	CPI 11746-712	CABLE RUNWAY SUPPORT BRACKET	
PRIESTANDING T-SERIES CABINET				
100 CR 02488-701			FREESTANDING T-SERIES CABINET	
2 CPI 11790-725 RACK TO RUNWAY MOUNTING PLATE 5 CPI 13802-718 EASYSWING WALL MOUNT RACK 2 CPI 13802-718 EASYSWING WALL MOUNT RACK CORWING BRAND NAME 1000 (R0 12CSF-14131D20 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 12CSF-14131D20 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J88-3313-A3 (FT) 12-F 50/125 LT IN/OUT RISER FIBER CABLE 1000 (R0 24J8-125 LT IN/OUT RISER FIBER CABLE 10-125 LT IN/OUT RISER FIBER CABLE 10-125 LT IN/OUT R	10	CPI 10488-701	JUNCTION SWIVEL SPLICE KIT	
CABLE RUNWAY SPLICE KIT				
CORNING BRAND MAME				
CORNING BRAND NAME	2	CPI 13602-718	EASYSWING WALL MOUNT RACK	
1000 CR 012CSF-T4131D20 (FT)	t			
1000 CR 012CSF-T4131D20 (FT)	CORNI	NG BRAND NAME		
1500 CR 024X81-TBD-A1 (FT)			12-F 50/125 LT IN/OUT RISER FIBER CABLE	
1000 CR 024.988-33130-A3 (FT)				
1900 CR 024E88-33131-A3 (FT)				
So CR 95-101-52-SP				
100 CR 95-201-52-SP ST ANAEROBIC-CURE CONNECTOR, SM, CERAMIC FERRULE AND METAL HARDWARE 76 CR 95-201-41-SP SC ANAEROBIC-CURE CONNECTOR, SM, 62.6 μm, CERRAMIC FERRULE 150 CR 95-201-41-SP SC ANAEROBIC-CURE CONNECTOR, SM, CERAMIC FERRULE AND COMPOSITE HARDWARE 5 CR CCH-01U 12/49-F RACK-MT ENCLOSURE 6 CR CCH-04U 72/288-F RACK-MT ENCLOSURE 6 CR CCH-04U 72/288-F RACK-MT ENCLOSURE 7 CR CCH-071-5 12 PORT PANEL ST MM LOADED 8 CR CCH-071-5 12 PORT PANEL SC DUP SM LOADED 9 CR CCH-071-59 6 PORT PANEL SC DUP SM LOADED 10 CR CCH-071-67 6 PORT PANEL SC DUP SM LOADED 9 CR FAN-BT25-12 BUFFER TUBE FAN-OUT KIT 100 PD CBEEI EXEC SERIES FACEPLATE FRAME/BEZEL, SINGLE GANG 2000 PD CHSR2EI 2 MOD SPACE, /1/2 SIZE, ALOPED, RECESSED MOD INSERT 100 PD CJ888TPBU CATS MODULAR JACK 100 PD			ST ANAFROBIC-CURE CONNECTOR, MM, 62.5um, CERAMIC FERRULE	
75 CR 95-101-41-SP SC ANAEROBIC-CURE CONNECTOR, SM, CERRAMIC FERRULE 150 CR 95-201-41-SP SC ANAEROBIC-CURE CONNECTOR, SM, CERAMIC FERRULE AND COMPOSITE HARDWARE 5 CR CCH-01U 12/49-F RACK-MT ENCLOSURE 5 CR CCH-02U 24/96-F RACK-MT ENCLOSURE 6 CR CCH-02U 7/2288-F RACK-MT ENCLOSURE 6 CR CCH-0712-15 12 PORT PANEL ST MM LOADED 10 CR CCH-CP12-15 12 PORT PANEL ST MM LOADED 10 CR CCH-CP12-67 6 PORT PANEL ST DUP SM LOADED 10 CR CCH-CP12-67 6 PORT PANEL SC DUP SM LOADED 10 CR FAN-BT25-12 BUFFER TUBE FAN-OUT KIT 100 PD CBEEL EXEC SERIES FACEPLATE FRAME/BEZEL, SINGLE GANG 100 PD CHSRZEI 2 MOD SPACE, 1/2 SIZE, ALOPED, RECESSED MOD INSERT 100 PD CJ688TBU CATS MODULAR JACK 2500 PD CJ688TPBU CATS MODULAR JACK 2500 PD CJ688TPBE CATS MODULAR JACK 300 PD CJ688TPGR CATS MODULAR JACK 300 PD CJ688TPGR CATS MODULAR JACK 300 PD CJ688TPRD CATS			ST ANAEROBIC CURE CONNECTOR, SM. CERAMIC FERRULE AND METAL HARDWARE	
150 CR 95-201-41-SP				
5 CR CCH-01U				
S CR CCH-02U 24/96-F RACK-MT ENCLOSURE			· · · · · · · · · · · · · · · · · · ·	
CR CCH-04U				
S CR CCH-CP12-15				
10 CR CCH-CP12-59 6 PORT PANEL SC DUP SM LOADED				
S CR CCH-CP12-G7	10	CR CCH-CP12-59		
20 CR FAN-BT25-12 BUFFER TUBE FAN-OUT KIT PANDUIT BRAND NAME				
PANDUIT BRAND NAME				
Dec	20	OK 1 AK-B 120-12	BOTTEN TODE I AN-OUT KIT	•
Dec	-			
Dec	DANIO	IIT DDAND NAME		
2 MOD SPACE,1/2 SIZE,ALOPED,RECESSED MOD INSERT 100 PD CJ5E88TBU			EVEC SERIES EACED! ATE EDAME/DETEL SINO! E CANO	
100 PD CJ5E88TBU				10 ma
2500 PD CJ688TPBU CAT6 MODULAR JACK				
S00 PD CJ688TPEI				
50 PD CJ688TPGR				
800 PD CJ688TPRD				
150 PD CMBEI-X MINI-COM BLANK 75 PD CPPL24WBLY MINI-COM 24 PORT SNAP-IN PATCH PANEL 25 PD CPPL48WBLY MINI-COM 48 PORT SNAP-IN PATCH PANEL 20 PD DCF10IW-X RACEWAY DROP CEILING FITTING 21 PD DCF5EI-X RACEWAY DROP CEILING FITTING 250 PD JBX3810EI-A JUNCTION BOX JUNCTION BOX 350 PD LD10EI8-A (8'SECTION) 8' LATCHING RACEWAY 150 PD LD5EI8-A (8'SECTION) 8' LATCHING RACEWAY 150 PD UTPCH10BU CAT5E PATCH CORD,10' 10 PD UTPCH12BU CAT5E PATCH CORD,12' 10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20' 10 PD UTPCH20BU 10 PD UTPCH20BU CAT5E PATCH CORD,20' 10 PD UTPCH20BU 10 PD UTP				
75 PD CPPL24WBLY MINI-COM 24 PORT SNAP-IN PATCH PANEL 25 PD CPPL48WBLY MINI-COM 48 PORT SNAP-IN PATCH PANEL 20 PD DCF10IW-X RACEWAY DROP CEILING FITTING 20 PD DCF5EI-X RACEWAY DROP CEILING FITTING 250 PD JBX3510EI-A JUNCTION BOX 350 PD LD10EI8-A (8'SECTION) 8' LATCHING RACEWAY 150 PD LD5EI8-A (8'SECTION) 8' LATCHING RACEWAY 10 PD UTPCH10BU CAT5E PATCH CORD,10' 10 PD UTPCH12BU CAT5E PATCH CORD,12' 10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20'				
25 PD CPPL48WBLY MINI-COM 48 PORT SNAP-IN PATCH PANEL 20 PD DCF10IW-X RACEWAY DROP CEILING FITTING 20 PD DCF5EI-X RACEWAY DROP CEILING FITTING 250 PD JBX3510EI-A JUNCTION BOX 350 PD LD10EI8-A (8'SECTION) 8' LATCHING RACEWAY 150 PD LD5EI8-A (8'SECTION) 8' LATCHING RACEWAY 10 PD UTPCH10BU CAT5E PATCH CORD,10' 10 PD UTPCH12BU CAT5E PATCH CORD,12' 10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20'	150	PD CMBEI-X	IMINI-COM BLANK	
20 PD DCF10IW-X RACEWAY DROP CEILING FITTING 20 PD DCF5EI-X RACEWAY DROP CEILING FITTING 250 PD JBX3510EI-A JUNCTION BOX 350 PD LD10EI8-A (8'SECTION) 8' LATCHING RACEWAY 150 PD LD5EI8-A (8'SECTION) 8' LATCHING RACEWAY 10 PD UTPCH10BU CAT5E PATCH CORD,10' 10 PD UTPCH12BU CAT5E PATCH CORD,12' 10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20'				
20 PD DCF5EI-X RACEWAY DROP CEILING FITTING 250 PD JBX3510EI-A JUNCTION BOX 350 PD LD10EI8-A (8'SECTION) 8' LATCHING RACEWAY 150 PD LD5EI8-A (8'SECTION) 8' LATCHING RACEWAY 10 PD UTPCH10BU CAT5E PATCH CORD,10' 10 PD UTPCH12BU CAT5E PATCH CORD,12' 10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20'				
250 PD JBX3510EI-A JUNCTION BOX 350 PD LD10EI8-A (8'SECTION) 8' LATCHING RACEWAY 150 PD LD5EI8-A (8'SECTION) 8' LATCHING RACEWAY 10 PD UTPCH10BU CAT5E PATCH CORD,10' 10 PD UTPCH12BU CAT5E PATCH CORD,12' 10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20' CAT5E PATCH CO				
350 PD LD10EI8-A (8'SECTION) 8' LATCHING RACEWAY 150 PD LD5EI8-A (8'SECTION) 8' LATCHING RACEWAY 10 PD UTPCH10BU CATSE PATCH CORD,10' 10 PD UTPCH12BU CATSE PATCH CORD,12' 10 PD UTPCH14BU CATSE PATCH CORD,14' 10 PD UTPCH20BU CATSE PATCH CORD,20' CATS				
150 PD LD5EI8-A (8'SECTION) 8' LATCHING RACEWAY 10 PD UTPCH10BU CAT5E PATCH CORD,10' 10 PD UTPCH12BU CAT5E PATCH CORD,12' 10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20' CAT5E PATCH				
10 PD UTPCH10BU CAT5E PATCH CORD,10' 10 PD UTPCH12BU CAT5E PATCH CORD,12' 10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20'				
10 PD UTPCH12BU CAT5E PATCH CORD,12* 10 PD UTPCH14BU CAT5E PATCH CORD,14* 10 PD UTPCH20BU CAT5E PATCH CORD,20*				
10 PD UTPCH14BU CAT5E PATCH CORD,14' 10 PD UTPCH20BU CAT5E PATCH CORD,20'				
10 PD UTPCH20BU CAT5E PATCH CORD,20'				
10 PD UTPCH25BU CAT5E PATCH CORD,25'				
		PD HTPCH25BH	ICAT5E PATCH CORD.25'	

10 PD UTPCH30BU	CATSE PATCH CORD,30'	
10 PD UTPCH3BU	CAT5E PATCH CORD,3'	
10 PD UTPCH5BU	CAT5E PATCH CORD,5'	
10 PD UTPCH7BU	CATSE PATCH CORD,7'	
10 PD UTPSP10BU	CAT6 PATCH CORD,10	
10 PD UTPSP12BU	CAT6 PATCH CORD,12	
50 PD UTPSP14BU	CAT6 PATCH CORD,14'	
10 PD UTPSP20BU	CAT6 PATCH CORD,20'	
10 PD UTPSP25BU	CAT6 PATCH CORD,25'	
50 PD UTPSP30BU	CAT6 PATCH CORD,30'	
10 PD UTPSP3BU	CAT6 PATCH CORD,30	
	CAT6 PATCH CORD,5'	
10 PD UTPSP5BU	CAT6 PATCH CORD,5 CAT6 PATCH CORD,7'	
1000 PD UTPSP7BU		
30 PD WMP1E	CABLE MGMT DUCT HORIZONTAL	
75 PD WMPSE	CABLE MANAGER HORIZONTAL	
BELDEN BRAND NAME		
5000 BLD 1583A	CATSE DATATWIST FIVE CABLE, NON-PLENUM (FT)	
5000 BLD 1585A	CAT5E DATATWIST FIVE CABLE, PLENUM (FT)	
ORTRONICS BRAND NAME		
10 ORTRONICS 808004389	24 PORT TELCO PATCH PANEL	
MISCELLANEOUS		
20	.75" RIGID ALUM 90 BEND	
200	.75" RIGID ALUM CONDUIT (FT)	
20	.75" RIGID ALUM CONDUIT COUPLING	
500	1" NON-PLENUM INDOOR INNERDUCT (FT)	-
500	1" PLENUM INDOOR INNERDUCT (FT)	
500	1" OUTDOOR INNERDUCT (FT)	
1000	1"RIGID ALUM CONDUIT (FT)	
75	1"RIGID ALUM CONDUIT 90 BEND	
100	1"RIGID ALUM CONDUIT COUPLING	
10	1.5" RIGID ALUM 90 BEND	
275	1.5" RIGID ALUM CONDUIT (FT)	
10	1.5" RIGID ALUM CONDUIT COUPLING	
100	3/8" RIGID ALLTHREAD (FT)	
100	1/4" ALLTHREAD (FT)	
10	2"90 DEGREE BEND	
50	2"PVC-SCH 80 (FT)	
50	2"RIGID ALUM CONDUIT (FT)	
10	2"RIGID ALUM CONDUIT 90 BEND	
10	2"SLEEVE	
10	489ACCI-50 STUB/110 PROTECTOR PANEL	
10	66M1-50 CB, TELCO 66 PUNCH DOWN BLOCK	
10	8"*4"*3/4" FIRE RATED PLY	
10	89B-STAND OFF BRACKET FOR 66 BLOCK	
2000	E-005024AAC, 50PAIR TELCO CABLE (FT)	
3000	RG6 NON-PLENUM COAX (FT)	
1 2221	11.00 110.11 mm. on oviviti 1)	